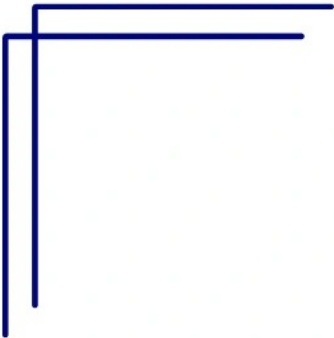




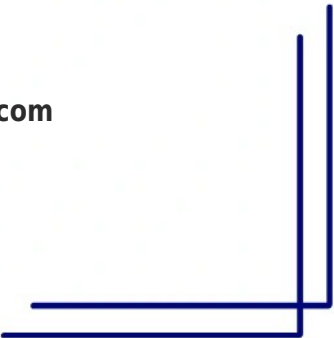
LABDex



Automatic Dry Biochemistry Analyzer LX201DBA



Email: info@labdex.com **website:** www.labdex.com



Description

Automatic Dry Biochemistry Analyzer LX201DBA is a compact all-in-one diagnostic system delivering high-precision biochemical and veterinary testing. It features a large android LCD touchscreen for fast, intuitive operation and integrates multiple testing capabilities such as biochemistry, coagulation, blood gas electrolytes, and inflammation panels for dogs and cats to aid veterinarians in diagnosis. Built-in advanced microfluidic chip technology, performs automated sample pre-processing, mixing, separation, reaction, and detection on a miniaturized platform occupying only a few square centimeters. It is ideal for both high-throughput clinical laboratories and veterinary laboratories.

Specifications

Sample volume	90 - 120 µl
Bar code	2-D bar code
Test time	12 min / sample
Temperature	37 °C ±0.3 °C
Resolution	0.001 Abs
Absorbance	0 - 3.0 Abs
Sample type	Anti-coagulated whole blood, serum, plasma
QC & calibrate	Real time full-auto finish
Testing principle	Absorption spectroscopy Transmission turbidimetry
Testing method	End point, kinetic, fixed time and turbidimetry
Light source	12 V / 20 W, halogen tungsten lamp's life span is over 2500 hours
Display	Android 6.5 inch 800 x 480, multi-point capacitive touch screen
Storage	500000 results
Printer	Built-in thermal printer
Connector	4 USB ports, 1 LAN port
Operational environment	Temperature: 10-32°C Humidity:
Power Supply	AC100V-240V, 50/60Hz
External dimension (W x D x H)	315 x 375 x 475 mm
Net weight	5 Kg

Packing dimension (W x D x H)	670 x 390 x 520 mm
Gross weight	13 Kg

Features

- ~ Integrated assay system supporting biochemistry, coagulation, electrolyte, and immunological tests on a single unified platform
- ~ Dry chemistry format eliminating liquid reagents; reduces contamination, waste, and operational complexity
- ~ Intuitive touchscreen interface with customizable test panels; compatible with LIS (Laboratory Information System)
- ~ Space-saving design suitable for a range of laboratory environments
- ~ Micro sampling design, addressing challenges of blood collection in infants and children
- ~ High throughput and efficiency
- ~ Storage capacity for 500,000 data records
- ~ Rapid testing capability

Applications

- ~ It is suitable for use in clinical laboratories, research facilities, and point-of-care environments for applications such as routine blood chemistry analysis, core diagnostics, experimental disease modeling, and drug development so on.



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